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Approved For Release 2001/08/16 : CIA-RDP81B00961R000100170102-5

OSA 2826-64
9 June 1964

MEMORANDUM FOR THE RECORD:

SUBJECT: Report of the Result of Test
Number 2, System XII vs. Multi-
Radar Environment

REFERENCE: Report of Test Results, System
XII vs. Multi-Radar Environment
██████████4202-64 Dated 19 May 1964

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1. An evaluation of the reaction of a System XII, with a modified logic board, to a multiple SA-2 environment was conducted at ██████████ on 28 May 1964. Present were: ██████████

2. The objectives of this test were to determine the effectiveness of the re-designed logic circuit which had been designed to correct for the condition which had been observed in the previous test wherein it had been noted that the presence of a CON SCAN radar would "block" the unblanking of the System XII, thereby resulting in a no signal indication in the presence of a FAN SONG radar.

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4. Upon termination of the test series, these conclusions were reached:

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a. The re-designed logic board permitted presentation of the FAN SONG signal in the presence of the CON SCAN signal. (The "strokes" on the indicator would come and go as the FAN SONG signal was turned on and off.)

b. There was no difficulty in distinguishing between the signal presentation of the FAN SONG and of the CON SCAN or of the EW signals.

c. That all existing System XII sets should be equipped with this redesigned circuit board.

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COMMO/OSA/ [REDACTED] /jb

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